WHAT IS CLAIMED IS:

1   1.   A method for managing voice communications comprising:

2   establishing a first telephone call initiated from a remote source to a

3   premises of a telephone line subscriber through a first network, said first network

4   being one of a circuit switching network and a packet switching network;

5   establishing a second telephone call initiated from said premises to a

6   remote destination through a second network, said second network being one of said

7   circuit switching network and said packet switching network that differs from said

8   first network; and

9   interconnecting said first telephone call and said second telephone call

10 at said premises to connect said remote source to said remote destination.

1   2.   The method of claim 1 wherein said establishing of said first telephone

2   call includes establishing said first telephone call made through the Public Switched

3   Telephone Network.

1   3.   The method of claim 1 wherein said establishing of said first telephone

2   call includes establishing a Voice over Internet Protocol call through the Internet.

1   4.   The method of claim 1 wherein said establishing of said second telephone

2   call includes transmitting a request to establish a Voice over Internet Protocol call

3   through said packet switching network to said remote destination from said premises.

1   5.   The method of claim 4 wherein said transmitting of said request to

2   establish said Voice over Internet Protocol call includes receiving a code from said

3   remote source over said first telephone call that corresponds to an Internet Protocol

4   address of said remote destination.

1   6.   The method of claim 4 wherein said establishing of said second telephone

2   call includes transmitting an audio advertisement to said remote source while said

3   Voice over Internet Protocol call is being established.

1   7.   The method of claim 1 wherein said establishing of said second telephone

2   call includes generating dual tone multi-frequency tones to establish said second call

3   through said circuit switching network in response to said first telephone call.

1   8.   The method of claim 1 wherein said establishing of said first telephone

2   call includes receiving a caller identification information of said first telephone call

3   and determining whether said caller identification information is on a user-defined list

4   to selectively establish said first telephone call.

1   9.   The method of claim 8 further comprising generating particular ring

2   signals in response said determining of whether said caller identification information

3   is on said user-defined list.

1   10.   The method of claim 1 further comprising establishing a connection

2   between a telephone at said premises and said remote source and said remote

3   destination through said first and second telephone calls.

1   11.   The method of claim 10 further comprising ringing said telephone at said

2   premises to establishing said connection in response to an entered command from one

3   of said remote source and said remote destination.

1   12.   A system for managing voice communications comprising:

2   a computer program running on a computing device in signal

3   communication with a packet switching network, said computer program being

4   configured to initiate and receive first telephone calls through said packet switching

5   network; and

6   a routing device operatively coupled to said computing device, said

7   routing device being configured to initiate and receive second telephone calls through

8   a circuit switching network, said routing device being further configured to

9   interconnect one of said first telephone calls and one of said second telephone calls to

10   produce an interconnected call through said routing device.

1   13.   The system of claim 12 wherein said routing device is configured to

2   initiate and receive said second telephone calls made through the Public Switched

3   Telephone Network.

1   14.   The system of claim 12 wherein said computing program is configured to

2   initiate and receive Voice over Internet Protocol calls through the Internet.

1   15.   The system of claim 12 wherein said computing program is configured to

2   transmit a request to establish a Voice over Internet Protocol call to a remote

3   destination through said packet switching network in response to a first telephone call

4   received from a remote source.

1   16.   The system of claim 15 wherein said computer program is configured to

2   transmit said request to establish said Voice over Internet Protocol call in response to

3   a received code from said remote source over said first telephone call that

4   corresponds to an Internet Protocol address of said remote destination.

1   17.   The system of claim 15 wherein said computer program of claim is

2   configured to transmits an audio advertisement to said remote destination while said

3   Voice over Internet Protocol call is being established.

1   18.   The system of claim 12 wherein said routing device includes a dual tone

2   multi-frequency tone generator to generate dual tone multi-frequency tones to

3   establish said second calls through said circuit switching network.

1   19.   The system of claim 12 wherein said routing device includes a dual tone

2   multi-frequency tone receiver to receive dual tone multi-frequency tones from said

3   circuit switching network.

1   20.   The system of claim 12 wherein said routing device includes a module

2   configured to extract caller identification information from said first telephone calls

3   and wherein said computer program is configured to determine whether said caller

4   identification information for said first telephone calls are on a user-defined list to

5   selectively establish said first telephone calls.

1   21.   The system of claim 20 wherein said routing device is configured to

2   generate particular ring signals in response a determination whether said caller

3   identification information of a particular first telephone call is on said user-defined

4   list.

1   22.   The system of claim 12 wherein said routing device is coupled to a

2   telephone, said routing device being configured to establish a connection between

3   said telephone and said interconnected call to connect said remote source, said remote

4   destination and said telephone.

1   23.   The system of claim 22 wherein said routing device includes ring signal

2   generator to transmit ring signals to said telephone to establish said connection

3   between said telephone and said interconnected call.

1   24.   A method for managing voice communications comprising:

2   receiving a first telephone call made from a remote source through a

3   first network at a premises of a telephone line subscriber, said first network being one

4   of a circuit switching network and a packet switching network;

5   initiating a second telephone call from said premises through said

6   second network to a remote destination, said second network being one of said circuit

7   switching network and said packet switching network that differs from said first

8   network; and

9   interconnecting said first telephone call and said second telephone call

10   at said premises to connect said remote source to said remote destination.

1   25.   The method of claim 24 wherein said receiving of said first telephone call

2   includes receiving said first telephone call made through the Public Switched

3   Telephone Network.

1   26.   The method of claim 24 wherein said receiving of said first telephone call

2   includes receiving a Voice over Internet Protocol call through the Internet.

1   27.   The method of claim 24 wherein said initiating of said second telephone

2   call includes transmitting a request to establish a Voice over Internet Protocol call

3   through said packet switching network to said remote destination from said premises.

1   28.   The method of claim 27 wherein said transmitting of said request to

2   establish said Voice over Internet Protocol call includes receiving a code from said

3   first remote source over said first telephone call that corresponds to an Internet

4   Protocol address of said remote destination.

1 29.   The method of claim 27 wherein said initiating of said second telephone

2 call includes transmitting an audio advertisement to said remote source while said

3 Voice over Internet Protocol call is being initiated.

1 30.   The method of claim 24 wherein said initiating of said second telephone

2 call includes generating dual tone multi-frequency tones to establish said second call

3 through said circuit switching network in response to said first telephone call.

1 31.   The method of claim 24 wherein said initiating of said first telephone call

2 includes receiving a caller identification information of said first telephone call and

3 determining whether said caller identification information is on a user-defined list to

4 selectively establish said first telephone call.

1 32.   The method of claim 31 further comprising generating particular ring

2 signals in response said determining of whether said caller identification information

3 of said first telephone is on said user-defined list.

1 33.   The method of claim 24 further comprising establishing a connection

2 between a telephone at said premises and said remote source and said remote

3 destination through said first and second telephone calls.

1 34.   The method of claim 33 further comprising ringing said telephone at said

2 premises to establishing said connection in response to an entered command from one

3 of said remote source and said remote destination.